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Part Number: [170071-8012](#)
Status: **Active**
Overview: ZXP® Modular I/O Interconnect System
Description: ZXP® zSFP+™ Stacked Ganged Assembly with Elastomeric Gasket, 2X8 with Inner Light Pipe, 320 Circuits

Documents:

[3D Model](#) [Test Summary TS-170071-0001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

UL E29179

General

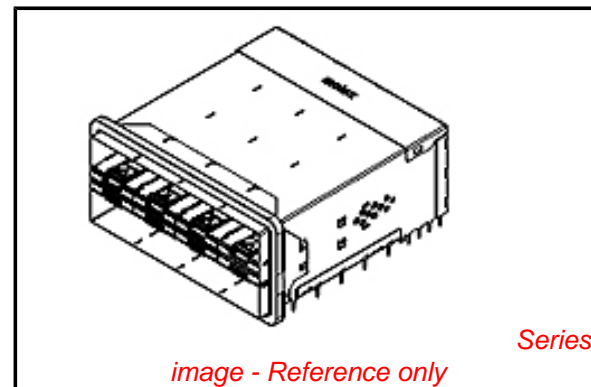
Product Family I/O Connectors
 Series [170071](#)
 Application Module-to-Board
 Component Type Receptacle
 Overview [ZXP® Modular I/O Interconnect System](#)
 Product Name ZXP® zSFP+™
 Type N/A
 UPC 884982398214

Physical

Circuits (Loaded) 320
 Color - Resin Black
 Durability (mating cycles max) 100
 Flammability 94V-0
 Gender Female
 Lock to Mating Part Yes
 Material - Metal High Performance Alloy (HPA)
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Material - Resin High Temperature Thermoplastic
 Net Weight 186.695/g
 Number of Rows 2
 Orientation Right Angle
 PCB Locator Yes
 PCB Retention Yes
 PCB Thickness - Recommended 2.36mm
 Packaging Type Tray
 Panel Mount No
 Pitch - Mating Interface 0.80mm
 Pitch - Termination Interface 0.80mm
 Plating min - Mating 0.762µm
 Plating min - Termination 0.762µm
 Polarized to Mating Part Yes
 Polarized to PCB Yes
 Ports 16
 Surface Mount Compatible (SMC) No
 Temperature Range - Operating -40°C to +85°C
 Termination Interface: Style Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact 0.5A
 Shield Type N/A



EU RoHS

ELV and RoHS Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[170071Series](#)

Application Tooling | FAQ

Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global

Description	Product #
2-by-8 Stacked Multi-Port Insertion Tool	0622029815
Removal Tool for 2 by 8 Small Form-Factor Pluggable	0622029820

Shielded
Voltage - Maximum

Yes
30V AC

Material Info

Reference - Drawing Numbers

Electrical Model Document
S-Parameter Model
Sales Drawing
Test Summary

EE-170071-0001
SP-170071-0001
SD-170071-0002
TS-170071-0001

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